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ATTORNEY DOCKET NO. MIT 10327 US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

INVENTOR(S): Brian D. Kernan, Emanuel M. Sachs, Samuel M. Allen and Adam M. Lorenz

Serial No.: 10/723,989

Examiner:

Filing date: Nov. 26, 2003

Art Unit: 1742

Conf. No. 7978

For: INFILTRATING A POWDER METAL SKELETON BY A SIMILAR ALLOY WITH DEPRESSED MELTING POINT EXPLOITING A PERSISTENT LIQUID PHASE AT EQUILIBRIUM, SUITABLE FOR FABRICATING STEEL PARTS

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

RESPONSE TO RESTRICTION REQUIREMENT MAILED ON JUNE 27, 2006

CERTIFICATE OF MAILING UNDER 37 CFR §1.8(a)

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, Alexandria, VA 22313-1450 on July 21, 2006.


Steven J. Weissburg

This is in response to the Office communication mailed on June 27, 2006, setting forth the following inventions for restriction:

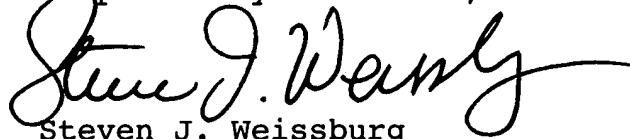
- I. Claims 1-43, drawn to a method that includes infiltrating a base composition with an infiltrant at a certain temperature, classified in class 419, subclass 32.
- II. Claims 44-53, drawn to a method for designing an infiltration process, class 148, subclass 503.

The Applicants hereby elect for examination Group I, claims 1-43.

Conditional Petition for Extension of Time in Which to Respond

This response is being filed within the one month period set for response, and thus, no extension of time is required. However, if such an extension is required, Applicants hereby petition conditionally for an extension of time under 37 CFR 1.136(a) to respond to the office action mailed in this matter on June 27, 2006, for an amount of time as required, up to and including the date of filing of this paper. If an additional extension of time is required, please consider this a petition therefor. The Commissioner is hereby authorized to charge the fee for any such required extension to Account 19-2553, in the name of Massachusetts Institute of Technology, the assignee hereof. The Commissioner is also authorized to charge Account No. 19-2553 for any additional extension and/or fee that may be required.

Respectfully submitted,



Steven J. Weissburg
Reg. No. 31,581

238 Main St. Suite 303
Cambridge, MA 02142
(617) 354-9343

Cust No. 021403

July 21, 2006

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US:resp.rest.req.7/06